

**ADVERTISEMENT  
FOR THE USE AND BENEFIT OF  
NESHOPA COUNTY, MISSISSIPPI**

The NESHOPA COUNTY BOARD OF SUPERVISORS will receive competitive, Reverse Auction Bids via the Neshoba County website at [www.neshobacounty.net](http://www.neshobacounty.net) with said Reverse Auction occurring via invitation on a date and during a time to be specified from qualified vendors in response to this solicitation for acquiring the following equipment and lease-purchase financing proposals:

- a. One (1) or more, new, 2020 93 HP Backhoe Loader for the use and benefit of Neshoba County.
- b. Lease Purchase Financing proposals for the acquisition of the above described equipment.

Detailed specifications for the above described equipment and lease-purchase financing terms and bid forms may be obtained from the Neshoba County Board of Supervisors office at the Neshoba County Courthouse, 401 Beacon Street, Suite 201, Philadelphia, Mississippi 39350, by calling 601-656-6281 or by Neshoba County's website at [www.neshobacounty.net](http://www.neshobacounty.net). Neshoba County, Mississippi will determine if compliance with the specifications exist before offering the invitation for the reverse auction and before accepting any bid.

**INSTRUCTIONS TO BIDDERS:**

All responses to this solicitation for said ambulance shall be returned, with detailed proposals included therewith, less the fixed price amount to be bid, in a PDF document format, and submitted electronically at [www.neshobacounty.net](http://www.neshobacounty.net) under the correct bid solicitation, by 10:00 AM, local time, on Thursday, January 2, 2020 or alternatively the detailed proposal should be placed in a sealed envelope marked "January 2020 Backhoe Bid" along with the date and time of said proposal opening, and filed with the Neshoba County Board of Supervisors. C/O Chancery Clerk Guy Nowell, 401 Beacon Street, Suite 107, Philadelphia, Mississippi 39350 by the same date and time.

All responses to the solicitation for Lease Purchase financing proposals for said equipment, with a detailed proposal including all required information, shall be submitted in conjunction with the reverse auction bid for said equipment by those vendors meeting required specifications and being invited to bid for said equipment in said reverse auction. In lieu of working with a vendor for said equipment, lease-purchase financing proposals shall also be considered from those qualified firms that wish to be considered for financing upon meeting the requirements as specified. Bids

for just lease-purchase financing will be accepted via detailed proposal including all required information, which shall be submitted in a PDF document format, and submitted electronically to Neshoba County's secure bid system at [www.neshobacounty.net](http://www.neshobacounty.net), under the correct bid solicitation, by 10:00 AM, local time, on Thursday, January 2, 2020.

It shall be incumbent upon each bidder to understand the specifications as listed herein and to obtain clarification when necessary. It is not the intent of these specifications to limit the bidding to any particular make or manufacturer of equipment or provider of services, but rather to select such equipment or services to provide for specific needs and specific tasks. Any reference to name-brand materials or equipment is intended to establish the minimum necessary standards only and bids submitted on materials and equipment there to, at the sole discretion of Neshoba County, shall be considered.

Bidders may submit bids for the equipment only, the lease-purchasing financing only or both the equipment and lease-purchasing. If only one bid is received for lease purchase financing, the Neshoba County Board of Supervisors reserves the right to solicit and obtain at least one other written competitive bid to be in compliance with the requirements of the laws of the State of Mississippi. The proposals submitted for the lease-purchase financing of said equipment must be in compliance with the laws of the State of Mississippi.

Additionally, for the equipment solicited herein the vendor shall offer a guaranteed buy back provision for said equipment at the end of three (3), four (4) and five (5) year periods which will also be utilized in the determination of the lowest and best reverse auction bid for said equipment.

Published by Order of the Board of Supervisors of Neshoba County, Mississippi on the 18<sup>th</sup> day of November 2019.

/s/ GUY NOWELL  
GUY NOWELL, CLERK  
BOARD OF SUPERVISORS  
NESHOBA COUNTY, MISSISSIPPI

Publication dates: December 11<sup>th</sup> and 18<sup>th</sup>, 2019

## Request for Proposals

One (1) or more new, 2020 or newer, 93 Hp Backhoe  
Loader

and

Lease Purchase Financing therefor

for

Neshoba County Board of Supervisors  
Neshoba County, Mississippi

November 18, 2019

Proposals / Response to Specifications Due  
Thursday, January 2, 2020 – 10:00 AM

Proposals / Responses to Lease Purchase Request Due  
Thursday, January 2, 2020 – 10:00 AM

Reverse Auction for Equipment to be Acquired

**To Be Determined**

**By Invitation Only Based Upon Pre-Qualification of  
Specifications Submitted**

Likely – Monday, January 6, 2020  
between 8:00 AM and noon

## **INVITATION TO SUBMIT COMPETITIVE BIDS**

The Neshoba County Board of Supervisors is soliciting competitive, reverse auction bids from qualified vendors for the purchase of One (1) or more new, 93 HP Backhoe Loader for the use and benefit of Neshoba County. Neshoba County reserves the right to reject any and/or all bids. Neshoba County also reserves the right to accept the bid most advantageous to Neshoba County, Mississippi.

The attached specification defines the MINIMUM specifications for a new, 2020 or newer, 93 HP Diesel Powered Backhoe Loader. All bids must equal in performance and quality to the following specifications, which are not intended to exclude any manufacturer. Any reference to manufacturer's make or series of equipment stated are intended only to establish an acceptable standard and are not intended to limit the bidding. It shall be incumbent upon each bidder to understand the specifications as listed herein and to obtain clarification when necessary. It is not the intent of the specifications to limit the bidding process to any particular make or manufacturer, but to set a minimum standard, fill a specific need and to perform a specific task. Any questions or clarifications in regard to this solicitation must be sent to Neshoba County Road Manager Eddie Posey in writing, up to 48 hours (two business days) of the declared return of specifications date and time, by e-mail to [eposey@neshobacounty.net](mailto:eposey@neshobacounty.net) or Fax to 601-656-3343.

This invitation is extended to all qualified vendors/manufacturers that are specifically in the business of building heavy equipment for use in road and bridge construction and maintenance activities.

### **INSTRUCTIONS TO BIDDERS:**

The bid format shall include a complete and detailed proposal from the vendor along with answering the following specifications questionnaire with a positive (YES) or negative (NO) answer which will be included with all bids submitted. If the vendor answers negative or NO to the specification provided, the vendor shall explain in detail why the specification is not met by their proposed equipment and provide an explanation as to why they are proposing an exception to such specification. Vendors who propose a bid taking total or general exceptions will be considered non-responsive and the bid will be rejected at the sole discretion of Neshoba County, Mississippi.

## **SPECIFICATIONS FOR SOLICITATION**

GENERAL CONDITIONS:

PARTY IDENTIFICATION:

AGENCY: "Agency" is hereinafter defined as the customer. The customer is Neshoba County, Mississippi and the Neshoba County Road Department who has been charged with the responsibility of purchasing one or more hydraulic excavators.

BIDDER: "Bidder" is hereinafter defined as the equipment manufacturer and/or its authorized dealer/representative. The bidder is an assigned representative who is authorized to commit to a contract with the "Agency".

VENDOR: "Vendor" is synonymous with "Bidder".

NOTICE TO BIDDERS: Bidders shall thoroughly examine any specifications, schedule, instructions and any other documents supplied as part of this invitation to bid.

Bidders shall make all investigations necessary to thoroughly inform themselves regarding the content of the written specifications and instructions supplied herein. No pleas of ignorance by the bidder pertaining to the content of the specifications, schedule or instructions will be considered by the agency once the deadline for specifications submission has occurred. Failure or omission on the part of the bidder to make the necessary examinations and investigations into the content of the specifications AND make all clarifications or explanations of exceptions and conditions that exist or that may exist hereafter shall NOT be accepted as a basis for making variations to the requirements of the agency or compensation to the bidder.

Bidder Complies exactly as written    YES\_\_\_\_\_ NO\_\_\_\_\_

CLARIFICATIONS: Clarifications shall be written correspondence between the bidder, the agency and all other qualified bidders. A Clarification shall include the paragraph number, page number, the text with unclear content (as written in the specification) and the definition of the clarification requested. Verbal clarifications are not valid; all clarifications are to be written.

Bidder Complies exactly as written    YES\_\_\_\_\_ NO\_\_\_\_\_

EXPLANATION OF EXCEPTIONS: Bidders may take exceptions to any part of the bid contained herein with a written itemized schedule. The schedule shall include the paragraph number(s), the text that the bidder feels he can not comply with an explanation why the bidder feels that the requirement is not in the best interest of the agency and/or an alternate bidder solution. Alternate bidder solutions may be considered by the agency, if the bidder can show the agency that the alternate solution is, in quality

and quantity, equal to OR better than the specified item. This agency will share the exception/alternate solution with all other Qualified Bidders. Explanation of exceptions shall be documented in writing and included with the return of specifications for consideration.

Bidder Complies exactly as written YES\_\_\_\_\_ NO\_\_\_\_\_

CORE DESIGN INTENT: The core design intent of the specifications supplied herein is to purchase heavy equipment with the highest level of engineering excellence. The "Core Design" intent of this vehicle shall be centered on providing specific equipment to the Neshoba County Road Department to perform a specific task.

Bidder Complies exactly as written YES\_\_\_\_\_ NO\_\_\_\_\_

**BID PACKAGES SHALL NOT TAKE TOTAL EXCEPTIONS:** Bidders are required under this bid invitation to give, for the consideration of the agency, a proposal that will comply with the written specifications and schedules supplied herein. The specifications supplied represent a compilation of input from all disciplines of users, maintenance and management personnel who are directly affected by the vehicle's performance.

Careful consideration pertaining to safety, configuration, construction, and workmanship are based on working experiences by all the personnel who have direct, working contact with the subject equipment specified herein.

This agency makes no claim that ALL potential issues or improvements are included in the specifications supplied herein. This agency will consider any VALID concern by any bidder and will consider minor specification exceptions or alternates of equal or better performance, provided that the exception(s) are steered toward meeting the "Core design" intent AND the exception(s) are fully explained in the submittal.

**Caution:**

A bidder who submits a bid that takes "Total Exception" and makes an offering of some "Standard" or "Stock" unit will be viewed by the agency as a bidder who did not make, and is not prepared to make, a valid bid, and is not qualified to manufacture the heavy equipment as specified herein. Alternate bids will **NOT** be considered. Any bidder desiring to provide a response to this solicitation shall only submit one bid for their best product meeting the specifications herein.

Bidder Complies exactly as written YES\_\_\_\_\_ NO\_\_\_\_\_

**DEBARMENT STATUS:**

By submission of this bid response, the Bidder and/or its authorized representatives, certify under penalty of perjury, that to the best of their knowledge and belief they are

not currently debarred from submitting bids or bid on contracts by any agency within the State of Mississippi, nor are they an agent of any person or entity that is currently debarred from submitting bids on contracts by any agency within the State of Mississippi.

**WARNING:**

This agency will not tolerate Vendors who state compliance to specifications but deliver an incomplete product and/or sub-standard materials and workmanship. Vendors who have made delivery of such equipment without making every reasonable effort to remedy the defects found at the time of delivery or within the warranty period will be notified that they are DEBARRED from submitting bids to this agency in the future. This agency will not waste valuable time (more than once) trying to recover legal costs and deal with lost in-service time of new equipment, working with vendors who are unresponsive to the needs of this agency. Previous equipment brand history of use, machine use, service work, warranty work, preventative maintenance work, warranty determinations of coverage or non-coverage, operational performance and use and all aspects of the totality of the machine performance shall be considered and utilized to make the determination of lowest and best bid.

Bidder Complies exactly as written    YES\_\_\_\_\_ NO\_\_\_\_\_

*Compliant:    Specification:*

**BASIC SPECIFICATIONS**

- Y\_\_\_\_ N\_\_\_\_      Backhoe shall have a minimum digging depth of 14'5" with retracted stick and 17' 11" with extendible stick.
- Y\_\_\_\_ N\_\_\_\_      Turbocharged engine net flywheel horsepower shall be at least 93 HP (69 kW) according to SAE J1349.
- Y\_\_\_\_ N\_\_\_\_      Machine to be equipped with an economy control function for maximum fuel efficiency
- Y\_\_\_\_ N\_\_\_\_      Unit shall have a maximum width of 7'9" (2322 mm) with a Multi-purpose front bucket.

**ENGINE**

- Y\_\_\_\_ N\_\_\_\_      Engine must comply with U.S. EPA Tier 4 Final / EU Stage IV off road emission requirements.
- Y\_\_\_\_ N\_\_\_\_      Machine shall utilize Selective Catalytic Reduction (SCR)
- Y\_\_\_\_ N\_\_\_\_      Engine shall have an economy mode to help maximize fuel efficiency, while maintaining backhoe performance
- Y\_\_\_\_ N\_\_\_\_      Units shall be equipped with a turbocharged, four cylinder, direct injection diesel engine with high strength, cast iron alloy single block design for high strength and long life.
- Y\_\_\_\_ N\_\_\_\_      Engine shall have a fuel filtration rating of no more than 10-micron for the primary fuel filter / water separator.
- Y\_\_\_\_ N\_\_\_\_      Engine shall have a secondary fuel filter with a rating of no more than 4-microns.

- Y\_\_\_ N\_\_\_ Engine shall have a vertical spin-on fuel filters.
- Y\_\_\_ N\_\_\_ Engine shall be equipped with electric fuel priming pump as standard equipment.
- Y\_\_\_ N\_\_\_ Engine shall have a water/sediment bowl with water separator service indicator light.
- Y\_\_\_ N\_\_\_ The engine shall have an internally mounted, dry-type, perimeter seal air cleaner with an integral precleaner, automatic dust ejection system, and filter condition indicator.
- Y\_\_\_ N\_\_\_ Engine shall be protected with extended life antifreeze that does not need to be replaced for 5 years.
- Y\_\_\_ N\_\_\_ Coolant circulation shall be provided by a gear-driven water pump, not solely belt driven, to prevent accessory belt slip and continue coolant circulation in the event of a belt failure.
- Y\_\_\_ N\_\_\_ Engine shall be equipped with an alternator that has a charging capacity of minimum 150 amperes.
- Y\_\_\_ N\_\_\_ Engine shall be equipped with one maintenance-free sufficient size battery.
- Y\_\_\_ N\_\_\_ Engine shall be equipped with a 12-volt direct-electric starting and charging system.
- Y\_\_\_ N\_\_\_ Machine shall be equipped with a standard battery disconnect switch
- Y\_\_\_ N\_\_\_ Engine shall be equipped with a single, automatically tensioned, serpentine accessory belt.
- Y\_\_\_ N\_\_\_ Engine air filter shall have a pre-cleaner and a dust ejector.
- Y\_\_\_ N\_\_\_ Engine shall have variable-speed, hand and foot governor controls.
- Y\_\_\_ N\_\_\_ Engine shall have a full flow spin-on type oil filter.
- Y\_\_\_ N\_\_\_ Backhoe joystick shall be equipped with a quick idle down feature that lowers the engine speed to 1,000 rpm
- Y\_\_\_ N\_\_\_ Machine shall have Automatic Engine Speed Control that reduces engine speed when the backhoe is not in use. This will conserve fuel and lower emission noise

**POWERTRAIN/TRANSMISSION**

- Y\_\_\_ N\_\_\_ Transmission shall have an electric, neutral lock switch on the front console to prevent driveline engagement
- Y\_\_\_ N\_\_\_ Transmission, differentials, and hydraulics shall have separate fluid reservoirs.
- Y\_\_\_ N\_\_\_ 4WD shall be pendulum mounted, grease-free with sealed for life kingpins, able to be engaged "on-the-go" while under load or any operating condition.
- Y\_\_\_ N\_\_\_ 4WD guard shall provide full coverage between the frame rails to protect the front drive shaft.
- Y\_\_\_ N\_\_\_ Unit shall be able to change direction and travel speed on-the-go.
- Y\_\_\_ N\_\_\_ Forward/reverse shuttle shall be a contactless unit for reliability.
- Y\_\_\_ N\_\_\_ Units shall be equipped with a transmission disconnect button on the gear shifter and loader control to allow full engine power to the loader.
- Y\_\_\_ N\_\_\_ Transmission shall be made, serviced and supported by the machine manufacturer.
- Y\_\_\_ N\_\_\_ Transmission shall have spin-on type oil filter vertically mounted.

- Y\_\_\_ N\_\_\_ Differential lock shall be located convenient to the operator.
- Y\_\_\_ N\_\_\_ Unit shall have a high gear speed of no less than 25 mph (40.0 kph).
- Y\_\_\_ N\_\_\_ Unit shall have 4 forward gears, 4 reverse gears, and a fully synchronized Power-Shuttle transmission coupled with electro-hydraulically shifted forward and reverse shuttle clutches.

***BRAKES***

- Y\_\_\_ N\_\_\_ Parking/secondary brakes shall be independent of the service brake system, allow operator complete control for a modulated stop with or without the engine running, and shall be mechanically released or applied and adjusted from the cab without the need for tools.
- Y\_\_\_ N\_\_\_ Foot-operated brake pedals shall be able to be interlocked for roading.
- Y\_\_\_ N\_\_\_ Service brakes shall be hydraulically boosted for low pedal efforts.
- Y\_\_\_ N\_\_\_ Service brakes shall be completely enclosed and sealed using Kevlar as brake pad media.
- Y\_\_\_ N\_\_\_ Brakes shall be outboard oil-immersed, hydraulically actuated, multiple discs on final drive input drive shaft.
- Y\_\_\_ N\_\_\_ Service brakes shall be disc type and fully self-adjusting.

***HYDRAULIC SYSTEM***

- Y\_\_\_ N\_\_\_ Hydraulic system shall include high-pressure hoses consisting of 4 layers of overlapping insulated spiral wire matrix.
- Y\_\_\_ N\_\_\_ Machine must have adjustable auxiliary flow control for better controllability of attachments
- Y\_\_\_ N\_\_\_ Machine shall be able to reach maximum lift capacity at any engine speed.
- Y\_\_\_ N\_\_\_ Maximum hydraulic pump pressure shall be at least 3,600 psi for the backhoe and at least 3,600 psi for the loader
- Y\_\_\_ N\_\_\_ Hydraulic system shall have a replaceable 6-micron vertically mounted, bowl and cartridge filter that is accessible from under the main frame.
- Y\_\_\_ N\_\_\_ Hydraulic pump shall be rated at 43 gpm
- Y\_\_\_ N\_\_\_ Machine shall have an electronically controlled variable displacement load sensing, axial piston pump for low idle lifting and maximum durability.
- Y\_\_\_ N\_\_\_ Closed-center implement valves shall be standard
- Y\_\_\_ N\_\_\_ Unit shall contain flow sharing valves to allow for machine multifunction
- Y\_\_\_ N\_\_\_ Hydraulic tank shall be made of non-metallic material to eliminate both weld shop contamination and the possibility of rust formation.
- Y\_\_\_ N\_\_\_ Supply hose to the pump shall be protected high within the chassis and not vulnerable to puncture.
- Y\_\_\_ N\_\_\_ Backhoe hydraulic lines shall be fastened and constrained from hanging low within the chassis, preventing hoses from damage.
- Y\_\_\_ N\_\_\_ Combination auxiliary lines shall be available for both one way or two way flow
- Y\_\_\_ N\_\_\_ All implement hydraulic lines will incorporate hoses with a high wear resistant coating.

Y\_\_\_ N\_\_\_

All hydraulic hoses restrained by rubber grommets and steel band clamps shall have full protective coverage by the rubber grommet, preventing cuts and chaffing by the band clamps.

**AXLES**

Y\_\_\_ N\_\_\_

Front axle shall be pendulum mounted, permanently sealed and lubricated

Y\_\_\_ N\_\_\_

Rear axle shall have differential lock with "on-the-go" engagement.

Y\_\_\_ N\_\_\_

The final drives shall be heavy-duty outboard planetary type, distributing loads over three gears sealed in separate oil compartments for long-life and minimum service

Y\_\_\_ N\_\_\_

Heavy-duty rear axle shall be semi-floating with self-adjusting inboard brakes.

**WHEELS/TIRES**

Y\_\_\_ N\_\_\_

4WD Tires shall be no less than 12.5/80-18 12PR (front) and 19.5 – 24 12PR (rear).

Y\_\_\_ N\_\_\_

All valve stems to be protected by metal valve stem covers

Y\_\_\_ N\_\_\_

Front tires shall ride inside loader bucket cutting width.

**OPERATORS STATION**

Y\_\_\_ N\_\_\_

OSHA approved ROPS/FOPS shall be integral with cab and canopy.

Y\_\_\_ N\_\_\_

Operator shall have complete control to disable, or lock, the backhoe Pilot Controls with a single switch on the console.

Y\_\_\_ N\_\_\_

Pilot Controls joystick controls for the backhoe shall be adjustable fore/aft, side to side.

Y\_\_\_ N\_\_\_

Machine shall come standard with horn, audible back up alarm and electric fuel system shut off.

Y\_\_\_ N\_\_\_

Engine RPM shall be controlled by electronically by hand control and foot pedal

Side instruments shall include a premium gauge cluster consisting of LCD Information screen and LCD warnings. LDC warns shall include; Engine Oil Pressure, Machine Locked, Service Due, Air Filter Blocked, High Coolant Temperature, Auto Idle Shutdown, High Torque Converter Temperature and Hydraulic Filter Bypass

Y\_\_\_ N\_\_\_

Unit shall have a lighted instrument panel located on the right side of the cab so that it is visible from both loader and backhoe operating positions. Indicator lights to include, Water in Fuel, Remote dial throttle active, engine warning, warning lamp, emissions module malfunction, AESC active, Regen Inhibited, Low battery/charging system warning, high hydraulic oil temperature, Wait to start and Eco Mode Active

Y\_\_\_ N\_\_\_

Unit shall include four front and four rear working lights.

Y\_\_\_ N\_\_\_

Machine shall have stop and turn signals with flashing hazard lamps visible from front and rear.

Y\_\_\_ N\_\_\_

Operator's compartment shall come equipped with a standard air suspension seat that can be adjusted in the fore/aft position and has a lever that controls the release for rotation at 180 degree swivel from anywhere on a sliding track mechanism.

- Y\_\_\_ N\_\_\_ Equipped with the standard steering wheel, the seat shall be able to swivel 180 degrees in a single motion without contacting the steering wheel or pilot control pods.
- Y\_\_\_ N\_\_\_ With doors and windows closed, machine operating at maximum governed speed unit shall have a maximum operator sound exposure Leq of 79 dB(A) according to SAE J1166.
- Y\_\_\_ N\_\_\_ Stabilizer controls shall be conveniently located to the operator's left side/hand.
- Y\_\_\_ N\_\_\_ Tilt steering wheel shall be standard for operator comfort.
- Y\_\_\_ N\_\_\_ Cab shall have an optional air conditioner that provides the operator with a choice of fresh outside air drawn through filters or recirculating cab air with HVAC recirculation selector
- Y\_\_\_ N\_\_\_ Cab shall be equipped with two doors and 6 opening windows and floor mat.
- Y\_\_\_ N\_\_\_ Operator's compartment shall feature laminated safety glass on front, windshield and tempered glass on all other windows.
- Y\_\_\_ N\_\_\_ Cab shall include factory-installed heater/defroster with multiple speed blower with the control in reach from the front and rear of the machine.
- Y\_\_\_ N\_\_\_ All rear window sections shall stow overhead, inside the cab for maximum visibility, ventilation and operator comfort.
- Y\_\_\_ N\_\_\_ Each side of the cab shall have two windows sharing a common hinge that are of approximately equal size, can be fastened together, then swung to either a front or rear securing point to maximize cross flow ventilation.
- Y\_\_\_ N\_\_\_ If equipped with an enclosed cab, front and rear windshield wipers/washers shall be standard.
- Y\_\_\_ N\_\_\_ Enclosed cab shall have a front window visor that extends entire width of window

**BACKHOE**

- Y\_\_\_ N\_\_\_ Backhoe shall be center-pivot type complete with hydraulic stabilizers.
- Y\_\_\_ N\_\_\_ Per SAE standards, rated bucket digging force shall be a minimum of 14,228 lb. with an extendible stick.
- Y\_\_\_ N\_\_\_ Per SAE standards, stick-digging force shall be a minimum of 9,757 lb. with a fully retracted extendible stick.
- Y\_\_\_ N\_\_\_ Backhoe shall have a minimum cushioned swing arc of 180 degrees.
- Y\_\_\_ N\_\_\_ Per SAE J31, backhoe stick lifting ability at 8 ft shall be no less than 5490 lb with a fully retracted extendible stick.
- Y\_\_\_ N\_\_\_ Per SAE J31, backhoe boom lifting at 8 feet shall be no less than 3200 lbs with a fully retracted extendible stick.
- Y\_\_\_ N\_\_\_ All sticks shall be thumb-ready with thumb cylinder mounts and stops standard. Thumb must be able to be added without welding.
- Y\_\_\_ N\_\_\_ Extendible stick shall be self-lubricating, adjusted with shims, and require no grease.
- Y\_\_\_ N\_\_\_ Boom cylinder shall be exterior mounted for serviceability.
- Y\_\_\_ N\_\_\_ Stick cylinder shall be exterior mounted for serviceability.
- Y\_\_\_ N\_\_\_ Boom and stick shall be weld repairable.
- Y\_\_\_ N\_\_\_ Backhoe shall be equipped with a swing transport lock.

- Y\_\_\_ N\_\_\_ Backhoe shall be equipped with a boom lock that can be controlled from the seat.
- Y\_\_\_ N\_\_\_ Pattern changer shall be available for switching Backhoe and Excavator control patterns with an electric switch, located within the operator's station
- Y\_\_\_ N\_\_\_ Backhoe shall be controlled with adjustable excavator style pilot operated joystick controls.
- Y\_\_\_ N\_\_\_ Auxiliary controls shall be controlled by a electro-hydraulic thumb roller
- Y\_\_\_ N\_\_\_ Stabilizers shall be pilot operated for low efforts and located on the side console for easy access whether facing front or rear.
- Y\_\_\_ N\_\_\_ Backhoe shall have stabilizer lock valves as standard equipment.
- Y\_\_\_ N\_\_\_ Flip over stabilizer pads shall have a dirt grouser.
- Y\_\_\_ N\_\_\_ Stabilizers shall be able to lift the machine high enough to clear tires, on concrete with street pads.

**LOADER**

- Y\_\_\_ N\_\_\_ Loader shall have positive down pressure sufficient to lift tractor front end off level ground.
- Y\_\_\_ N\_\_\_ A minimum 1.3 Cubic Yard Multi-Purpose bucket (4 in 1). Machine shall meet the following specifications

- Minimum breakout force of 11,020 lbs (49 kN)
- Minimum dump clearance of 9'2" (2798 mm) at full lift and 44 degree discharge
- Minimum dig depth of 4" (110 mm)
- Minimum hinge pin height 11'5" (3474 mm)
- Minimum lift capacity 6,828 lbs (3097 kg)

- Y\_\_\_ N\_\_\_ Loader shall be equipped with a return-to-dig mechanism.
- Y\_\_\_ N\_\_\_ Loader shall be equipped with a lift cylinder brace to mechanically hold the loader arms in the raised position.
- Y\_\_\_ N\_\_\_ Multi-Purpose bucket shall be operated by a thumb control on the loader joystick
- Y\_\_\_ N\_\_\_ Loader shall incorporate a steel bumper system to protect battery and engine components.
- Y\_\_\_ N\_\_\_ Loader arm torque tube shall be constructed such that it is welded to each side of each loader arm section, providing maximum strength with minimal weld stress.
- Y\_\_\_ N\_\_\_ Loader linkage shall incorporate a single, full width main tower pin for maximum strength and load distribution.
- Y\_\_\_ N\_\_\_ Loader bucket shall be suitable for general purpose with heavy-duty characteristics including high strength wear material in the leading edges of the lower side corners, equaling the material properties of the base cutting edge.
- Y\_\_\_ N\_\_\_ Loader bucket base cutting edge shall be specially hardened steel, achieving Rockwell hardness of 50 or greater.
- Y\_\_\_ N\_\_\_ Loader bucket dump time shall be no more than 3.0 seconds at full raised position.
- Y\_\_\_ N\_\_\_ Loader bucket shall be self-leveling for truck loading spoil and equipped with a bucket tilt indicator.

- Y\_\_\_ N\_\_\_ Loader bucket lower time from full raised position to digging position shall be no more than 3.0 seconds.
- Y\_\_\_ N\_\_\_ Loader bucket raise time to full height shall be no more than 4.0 seconds.

**WORK TOOL OPTIONS**

- Y\_\_\_ N\_\_\_ 24" Rear bucket shall be equipped with pin-on tooth tips that are exchanged whereby the pin retainers are diagonal or vertical, allowing them to be extracted or inserted with a hammer and punch only. Built by the machine manufacturer.
- Y\_\_\_ N\_\_\_ Machine shall be equipped with a hydraulic thumb built by the machine manufacturer to match bucket and installed thereon.

**SERVICEABILITY**

- Y\_\_\_ N\_\_\_ Hood release to be lockable and easily accessible from inside the cab.
- Y\_\_\_ N\_\_\_ Engine oil, transmission oil, hydraulic oil, brake fluid, washer fluid, coolant, engine air filter, and engine air filter monitor shall all be consolidated service points, accessible under the hood with loader arms down.
- Y\_\_\_ N\_\_\_ Entire machine cooling package, including radiator, transmission oil cooler, hydraulic oil cooler, fuel cooler and ATAAC shall be easily accessible without use of tools.
- Y\_\_\_ N\_\_\_ Water and sediment shall be drained from the fuel / water filter from a standing position without tools.
- Y\_\_\_ N\_\_\_ The battery(ies) shall be accessible without the use of hand tools to remove panels, toolboxes, etc.
- Y\_\_\_ N\_\_\_ Unit shall come standard with machine jump posts
- Y\_\_\_ N\_\_\_ The swing frame shall have replaceable bushings installed in the pin joints for the boom, swing cylinder rod ends and swing post.
- Y\_\_\_ N\_\_\_ Swing cast shall utilize serrated pins and dimpled bearings for grease rotation
- Y\_\_\_ N\_\_\_ Machine shall have easily accessible jumper posts to aid in jump-starting machine or other machines.
- Y\_\_\_ N\_\_\_ The machine will be equipped with an electronic diagnostic port within the operator station, allowing service codes to be downloaded and electronic parameters to be adjusted.
- Y\_\_\_ N\_\_\_ Fuel tank shall contain a debris screen
- Machine fault codes shall be accessible from LCD screen
- Y\_\_\_ N\_\_\_ The unit shall be provided with a master electrical disconnect switch.
- Y\_\_\_ N\_\_\_ Optional extendible stick shall be field adjustable using common hand tools.

**MINIMUM SERVICE FILL CAPACITIES**

- Y\_\_\_ N\_\_\_ Standard high-ambient cooling system shall be provided.
- Y\_\_\_ N\_\_\_ Standard fuel tank capacity shall be provided.

- Y\_\_\_ N\_\_\_ Standard diesel exhaust fluid tank capacity shall be provided.
- Y\_\_\_ N\_\_\_ Standard hydraulic tank capacity shall not be less than 10.6 gallons (40 L).

**OWNING AND OPERATING COSTS**

- Y\_\_\_ N\_\_\_ Front axles shall have sealed king pin and center pendulum bearings.
- Y\_\_\_ N\_\_\_ Driveshaft universal joints shall be maintenance free.
- Y\_\_\_ N\_\_\_ Standard fill hydraulic oil must be Advanced HYDO 10 with up to 6000hr service interval in typical applications.
- Y\_\_\_ N\_\_\_ Load Sensing Variable Displacement pump shall be standard for optimized fuel efficiency and performance.
- Y\_\_\_ N\_\_\_ Front and Rear Axle Oil change shall have a 1000- hour change interval for lowering operating maintenance cost
- Y\_\_\_ N\_\_\_ Cooling System shall have a 12,000-hour change interval for lowering operating maintenance cost
- Y\_\_\_ N\_\_\_ Engine shall have a 500-hour oil change interval for lowering operating maintenance cost.

**Further Instructions to Bidders:**

1. The above described machinery must be in New (2020 model year or later) and unused condition.
2. Any exceptions to the above specifications must be listed in the bidders bid, with Justification. Failure to do so will disqualify the bid.
3. All bids must state delivery time (which will be a factor used in determining the lowest and best bid), and bid price must include delivery to Neshoba County.
4. All bids must state warranty, which will be a factor used in determining the lowest and best bid. A minimum of (3) years or 3,000 hours warranty must be included in the bid price.
5. The offer of a guaranteed buy back provision at the end of three (3), four (4) and five (5) years will be used in determining the lowest and best bid. The County will not be responsible for maintaining any maintenance records for the purpose of this agreement nor shall the county sign any agreement based on the servicing or maintenance of said equipment. The county shall service this equipment in accordance with the Manufactures’ recommendations of servicing the said equipment.

The county shall return this machine to the dealer with normal wear and tear for hours of use and only 40+% tires should they elect to do so under the buy-back provision. **All bidders must list any conditions and or limitations to buy back, if any, prominently in the response to this solicitation.** All Bidders must list any and all non performing buy backs in the last 10 years to any City or County in the State of Mississippi and the reason for such.

### ***Conditions for Lease Purchase Financing***

Bids for Lease purchase financing will be accepted at the same time and place as specifications return, and may be from the vendor of the equipment or from a third party source. If only one bid is received for lease purchase financing, the Neshoba County Board of Supervisors reserves the right to solicit and obtain at least one other written competitive bid in order to be in compliance with the requirements of section 31-7-13 (e) Mississippi Code of 1972, Amended.

1. All bids will state the annual rate of interest which may not be greater than the overall maximum interest rate to maturity on general obligation indebtedness permitted under section 75-17-101 of the code (11%).
2. The term of such lease purchase financing should contain lease options for thirty-six (36), forty-eight (48), and sixty (60) months, and shall not exceed the useful life of the machinery per said section 31-7-13 (e).
3. The lease purchase financing for the three option periods (36-48-60) will be the difference between the purchase amount of the machine and the guaranteed buy back amount at those three option intervals, which shall serve as the balloon payment amount.
4. The vendor offering lease purchase financing only may assume that the total cost will be less than \$100,000.00 for the purchase of the equipment; that the amount of financing will be for the final reverse auction bid price; and, may specify the 36, 48 and 60 months rates of interest. Upon acceptance of the reverse auction bid, the most advantageous financing vendor, will be provided the final bid amounts accepted and will provide the amortization schedule based on said final bid amounts. All costs for said lease purchase financing will be utilized to determine the lowest and best bid for said financing.
5. The lease agreement shall contain the following annual allocation dependency clause or an annual allocation dependency clause which is substantially equivalent thereto: "The continuation of each equipment schedule to this agreement is contingent in whole or in part upon the appropriation of funds by the Neshoba County Board of Supervisors to make lease purchase payments required under such equipment schedule". If the Neshoba County Board of

Supervisors fail to appropriate sufficient funds to provide for the continuation of the lease purchase payments under any such equipment schedule, then the obligation of the lessee to make such lease purchase payments and the corresponding provisions of any such equipment schedule to this agreement shall terminate on the last day of the fiscal year for which appropriations were made.

6. The County will assume responsibility for expense of day to day parts and components such as oil, filters, grease, fuel, antifreeze, electrical components, glass, hydraulic and air hoses or lines, fan belts, tires and normal wear items.
7. The County will be responsible for liability insurance and physical damage insurance.

**NESHOBA COUNTY BID FORM  
FOR SUBMITTAL WITH REVERSE AUCTION BID**

**93 HP Backhoe**

We are pleased to submit the following bid for:

Name of Bidder: \_\_\_\_\_

Address of Bidder: \_\_\_\_\_

Make of Unit: \_\_\_\_\_ Model of Unit: \_\_\_\_\_

Selling Price of New Unit: \$\_\_\_\_\_

36 month lease payment: \$\_\_\_\_\_/month w/Balloon of: \$\_\_\_\_\_

48 month lease payment: \$\_\_\_\_\_/month w/Balloon of: \$\_\_\_\_\_

60 month lease payment: \$\_\_\_\_\_/month w/Balloon of: \$\_\_\_\_\_

Guaranteed buy back @ 36 months or 3,000 hours: \$\_\_\_\_\_

Guaranteed buy back @ 48 months or 5,000 hours: \$\_\_\_\_\_

Guaranteed buy back @ 60 months or 7,500 hours: \$\_\_\_\_\_

Interest Rate(APR) - 36 mo. @ \_\_\_\_%; 48 mo. @ \_\_\_\_%; 60 mo. @ \_\_\_\_%

5 Year / 5,000 hour maintenance contract - \$\_\_\_\_\_ per hour.

5 Year / 5,000 hour maintenance and repair contract - \$\_\_\_\_\_ per hour.

Delivery Date: \_\_\_\_\_

Warranty \_\_\_\_\_ Equipment Warranty has been provided with Specifications

BID IS: \_\_\_\_\_ as per specifications, taking no exceptions.

\_\_\_\_\_ taking only those specifications exceptions as previously submitted upon return of specifications (no alternate bids accepted).

The undersigned bidder agrees that the signature submission of this bid represents the bidder's acceptance of all terms, conditions, and requirements of bid specifications and, if awarded, the bid will represent the agreement between the parties.

SIGNED: (sign manually, in ink) \_\_\_\_\_

NAME PRINTED: \_\_\_\_\_ TITLE: \_\_\_\_\_